

Please amend the specification in adherence with rules 37 C.F.R. §

1.821-1.825 as follows:

IN THE SPECIFICATION

On page ~~7~~ line 34, following "Example 1" insert --(SEQ. ID NOs:1-27)--.

On page ~~8~~ line 17, following "Example 13", insert -- (SEQ ID NOs:28-31)--

On page ~~8~~ line 26, following "Example 8", insert -- (SEQ ID NOs:32-37)--.

On page ~~92~~ line 31, following "#D199_1", insert -- (SEQ ID NO:38)--.

On page ~~92~~ line 31, following "#D200_1", insert -- (SEQ ID NO:39)--.

On page ~~92~~ line 32, following "#D211_1,2", insert -- (SEQ ID NO:38)--.

On page ~~92~~ line 32, following "D212_1", insert -- (SEQ ID NO:39)--.

On page ~~92~~ line 33, following "D214_1", insert -- (SEQ ID NO:40)--.

On page ~~92~~ line 33, following "#D57_1", insert -- (SEQ ID NO:41)--.

On page ~~92~~ line 35, following "#D215_1", insert -- (SEQ ID NO:38)--.

On page ~~92~~ line 32, following "#D216_1", insert -- (SEQ ID NO:39)--.

On page ~~93~~ line 1, following "D203_1", insert -- (SEQ ID NO:38)--.

On page ~~93~~ line 1, following "D204_1", insert -- (SEQ ID NO:39)--.

On page ~~93~~ line 2, following "D205_1", insert -- (SEQ ID NO:42)--.

On page ~~93~~ line 2, following "D206_1", insert -- (SEQ ID NO:43)--.

On page ~~93~~ line 3, following "D207_1", insert --(SEQ. ID NO: 44)--.

On page ~~93~~ line 3, following "D208_1", insert -- (SEQ ID NO:45)--.

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On page ~~93~~, line 4, following "D158_3", insert -- (SEQ ID NO:38)--.

On page ~~93~~, line 4, following "#D101_2", insert -- (SEQ ID NO:39)--.

On page ~~93~~, line 5, following "#D217_1,2,3", insert -- (SEQ ID NO:38)--.

On page ~~93~~, line 5, following "#D218_1", insert -- (SEQ ID NO:39)--.

On page ~~93~~, line 8, following "#D201_1,2", insert -- (SEQ ID NO:46)--.

On page ~~93~~, line 9, following "#D201_1,2", insert -- (SEQ ID NO:46)--.

On page ~~93~~, line 10, following "#D201_1,2", insert -- (SEQ ID NO:46)--.

On page ~~93~~, line 11, following "#D201_1,2", insert -- (SEQ ID NO:46)--.

On page ~~93~~, line 12, following "#D83_17,18", insert -- (SEQ ID NO:47)--.

On page ~~93~~, line 13, following "D201_1,2", insert -- (SEQ ID NO:46)--.

On page ~~93~~, line 14, following "D201_1,2", insert -- (SEQ ID NO:46)--.

On page ~~93~~, line 15, following "D83_17,18", insert -- (SEQ ID NO:47)--.

On page ~~93~~, line 16, following "D83_17,18", insert -- (SEQ ID NO:47)--.

On page ~~96~~, line 26, following "-3'." insert -- (SEQ ID NO:48)--.

On page ~~96~~, line 27, following "GA-3'", insert -- (SEQ ID NO:49)--.

On page ~~96~~, line 35, following "CA-3'", insert -- (SEQ ID NO:50)--.

On page ~~96~~, line 36, following "TG-5'", insert -- (SEQ ID NO:51)--.

On page ~~97~~, line 2, following "-3'", insert -- (SEQ ID NO:52)--.

On page ~~97~~, line 27, following "-3')", insert -- (SEQ ID NO:53)--.

On page ~~97~~, line 30, following "-3')", insert -- (SEQ ID NO:54)--.

On page ~~97~~, line 32, following "3')", insert -- (SEQ ID NO:55)--.

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On page ~~98~~, line 1, following "-3'", insert -- (SEQ ID NO:56)--.

On page ~~98~~, line 11, following "-3'." , insert -- (SEQ ID NO:57)--.

On page ~~98~~, line 12, following "-3'." , insert -- (SEQ ID NO:57)--.

On page ~~98~~, line 14, following "-3'." , insert -- (SEQ ID NO:57)--.

On page ~~98~~, line 17, following "-3'." , insert -- (SEQ ID NO:58)--.

On page ~~98~~, line 19, following "-3'." , insert -- (SEQ ID NO:59)--.

On page ~~101~~, line 6, following "GA(C11)-3'." , insert -- (SEQ ID NO:60)--.

On page ~~101~~, line 6, following "AC(C11)-3'." , insert -- (SEQ ID NO:61)--.

On page ~~101~~, line 9, following "-3'." , insert -- (SEQ ID NO:62)--.

On page ~~101~~, line 11, following "-3'." , insert -- (SEQ ID NO:63)--.

On page ~~101~~, line 12, following "-3'." , insert -- (SEQ ID NO:64)--.

On page 101, line 14, following "-3'." , insert -- (SEQ ID NO:65)--.

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one* On page ~~101~~, line 24, following "-3'." , insert -- (SEQ ID NO:66)--.

On page 102, immediately preceding the claims, please insert the enclosed text entitled "SEQUENCE LISTING".

REMARKS

Entry of this amendment is respectfully requested. The amendments are made in adherence with 37 C.F.R. § 1.821-1.825. This amendment is accompanied by a floppy disc containing the above named sequence, SEQUENCE ID NUMBERS 1-66 in computer readable form, and a paper copy of the sequence information. The computer readable sequence listing was

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